

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"4635958".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 12:42

# EAST Search History

L6	493	( "1338556"   "1376803"   "1452693"   "1480663"   "1487427"   "1519677"   "1835575"   "20010011806"   "2080546"   "2082509"   "2149374"   "2160373"   "2163131"   "2169335"   "2169850"   "2175562"   "2202665"   "2237056"   "2245809"   "2263628"   "2283671"   "2300844"   "2325132"   "2330482"   "2333008"   "2453116"   "2467548"   "2480934"   "2536769"   "2561548"   "2590711"   "2596411"   "2596922"   "2606020"   "2606758"   "2606759"   "2624568"   "2626797"   "2631844"   "2642568"   "2662236"   "2705154"   "2705155"   "2715022"   "2715422"   "2737205"   "2741493"   "2757017"   "2779602"   "2792235"   "2802663"   "2824734"   "2852269"   "2855212"   "2858142"   "2877010"   "2942871"   "2963301"   "2969250"   "2972489"   "2977132"   "2983505"   "2998263"   "3027177"   "3033587"   "3037789"   "3047283"   "3054625"   "3071366"   "3081991"   "3083034"   "3093390"   "3104096"   "3124370"   "3133769"   "3158365"   "3169026"   "3178200"   "3183018"   "3195670"   "3198507"   "3202410"   "3207497"   "3212789"   "3218053"   "3231040"   "3245492"   "3330558"   "3333865"   "3337233"   "3337236"   "3387858"   "3388924"   "3400945"   "3432158"   "3448995"   "3476375"   "3482854"   "3491994"   "3504930"   "3526413"   "3545737"   "3554616"   "3575441"   "3601424"   "3615081"   "3621945"   "3625545"   "3675787"   "3687479"   "3701542"   "3706481"   "3752246"   "3773347"   "3778082"   "3815685"   "3831966"   "3831969"   "3844583"   "3869113"   "3877539"   "3894602"   "3918739"   "3944246").PN. OR ("3966006"   "3992036"   "4002327"   "4014561"   "4030737"   "4033605"   "4042258"   "4076285"   "4087109"   "4094532"   "4106311"   "4125276"   "4140333"   "4152011"   "4194761"   "4206935"   "4243247"   "4249753"   "4267896"   "4269432"   "4272101"   "4274858"   "4313617"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 13:09
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## EAST Search History

L7	309	6 and (torsion torque twist)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 13:10
L8	1215	280/124.166-124.169,6.157.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 13:19
L9	863	267/273,277,278.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 13:19
L10	1867	L8 L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 13:19
L11	1867	L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 13:19
L13	32	("2606758"   "2624568"   "2642568"   "2715022"   "3432158"   "4014561"   "4243247"   "4415178"   "4473238"   "4635958"   "5176370"   "5178406"   "5380028"   "5478103"   "5609331"   "5641175"   "5685527"   "5687960"   "5839741"   "5921569"   "6099006"   "6357771"   "6364297"   "6454284"   "6467784"   "6517089"   "6530586").PN. OR ("6779806"   "7052025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 13:33
S1	18	("2713484" "3432158" "4243247" "4863148" "5186216" "6364297" "6454284").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 12:42
S2	0	280/700.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 14:25
S3	0	(280/700).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/11 14:34

## EAST Search History

S4	1201	280/124.166-124.169,6.157.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 14:34
S5	854	267/273,277,278.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 14:34
S6	1846	S4 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 14:34
S7	315	S6 and adjust\$4 same torsion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 14:36
S8	8	("3831966"   "4635958"   "4641856"   "4919441"   "5556083"   "6056304").PN. OR ("6454284"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:06
S9	13	("2606020"   "2969250"   "3198507"   "3621945"   "4106311"   "4681307"   "5460574"   "5782148").PN. OR ("6364297"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:38

## EAST Search History

S10	334	("1376803"   "1452693"   "1487427"   "1519677"   "1835575"   "2080546"   "2163131"   "2175562"   "2202665"   "2237056"   "2245809"   "2325132"   "2330482"   "2453116"   "2467548"   "2480934"   "2536769"   "2561548"   "2590711"   "2596922"   "2606020"   "2606758"   "2606759"   "2624568"   "2631844"   "2705154"   "2705155"   "2715022"   "2715422"   "2792235"   "2802663"   "2824734"   "2852269"   "2855212"   "2858142"   "2942871"   "2969250"   "2972489"   "2977132"   "2998263"   "3027177"   "3033587"   "3037789"   "3054625"   "3083034"   "3093390"   "3104096"   "3158365"   "3178200"   "3183018"   "3198507"   "3207497"   "3212789"   "3218053"   "3245492"   "3333865"   "3337233"   "3337236"   "3388924"   "3400945"   "3432158"   "3448995"   "3476375"   "3491994"   "3504930"   "3554616"   "3615081"   "3621945"   "3701542"   "3706481"   "3752246"   "3773347"   "3778082"   "3815685"   "3831966"   "3831969"   "3844583"   "3869113"   "3894602"   "3918739"   "3944246"   "3966006"   "3992036"   "4033605"   "4087109"   "4094532"   "4106311"   "4125276"   "4140333"   "4152011"   "4194761"   "4206935"   "4243247"   "4272101"   "4274858"   "4415178"   "4458726"   "4463824"   "4470616"   "4488736"   "4570969"   "4589164"   "4600215"   "4621391"   "4635958"   "4641856"   "4674767"   "4681307"   "4723790"   "4738467"   "4744434"   "4744539"   "4781364"   "4804198"   "4827416"   "4854766"   "4863148"   "4869480"   "4913255"   "4919441"   "5009405"   "5046752"   "5112031"   "5176370"   "5178406"   "5178406".PN. OR ("5186216"   "5244190"   "5255936"   "5297874"   "5354041"   "5360078"   "5378010"   "5439203"   "5460574"   "5538229"   "5556083"   "5609331"   "5641175"   "5685527"   "5687960"   "5707050"   "5716042"   "5782148"   "5921569"   "6056304"   "6070802"   "6357771"   "6364207"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:37
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## EAST Search History

S11	217	S10 and (torsion twist)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:37
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## EAST Search History

S12	178	("20010011806"   "2169335"   "2263628"   "2283671"   "2300844" "2330482"   "2333008"   "2480934"   "2596411"   "2606758" "2626797"   "2642568"   "2715022"   "2737205"   "2741493" "2757017"   "2824734"   "2852269"   "2855212"   "2877010" "2942871"   "2963301"   "2983505"   "3124370"   "3133769" "3169026"   "3195670"   "3198507"   "3202410"   "3231040" "3337236"   "3387858"   "3432158"   "3482854"   "3526413" "3545737"   "3575441"   "3601424"   "3615081"   "3675787" "3877539"   "4002327"   "4014561"   "4030737"   "4042258" "4076285"   "4152011"   "4243247"   "4249753"   "4267896" "4269432"   "4313617"   "4322062"   "4327927"   "4415178" "4458915"   "4464146"   "4470616"   "4473238"   "4488736" "4540197"   "4556235"   "4570969"   "4575114"   "4616845" "4635958"   "4659069"   "4733884"   "4736964"   "4754991" "4759567"   "4764677"   "4778199"   "4781364"   "4846490" "4869527"   "4913255"   "4952092"   "4973075"   "5052711" "5104142"   "5120032"   "5129672"   "5176370"   "5176415" "5178406"   "5217241"   "5269552"   "5284353"   "5286052" "5301977"   "5332255"   "5370411"   "5378010"   "5380028" "5398411"   "5427208"   "5478103"   "5487443"   "5609331" "5641175"   "5685527"   "5687960"   "5743547"   "5775719" "5826894"   "5836712"   "5839741"   "5839742"   "5921569" "5921625"   "5967536"   "5975550"   "5984057"   "6003886" "6099006"   "6357771"   "6406048"   "6454284"   "6467784" "6517089"   "6530586").PN. OR ("4470616"   "5332255"   "5538229" "5641175"   "6070892"   "6398451"   "6446991"   "6641151" "6755432"   "6779806").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 19:53
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## EAST Search History

S13	118	S12 not S10	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 19:54
S14	41	S13 and (twist torsion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 19:55